

1 3. (newly added) The prosthesis according to claim 1, wherein said central body portion
2 tapers steeply from a thickness of said central body portion to a thickness of said at least one end
3 portion within a region where said at least one end portion joins said central body portion.

1 4. (newly added) The prosthesis according to claim 1, wherein said prosthesis has an overall
2 arcuate shape.

1 5. (newly added) The prosthesis according to claim 1, wherein said at least one end portion
2 has a flat bottom surface.

1 6. (newly added) The prosthesis according to claim 1, further comprising:
2 a tapered end portion extending from one of said first or second ends opposite another
3 of said first and second ends from which said at least one end portion extends.

1 7. (newly added) The prosthesis according to claim 1, further comprising:
2 at least one groove within a surface of an end portion extending from one of said first
3 or second ends opposite another of said first and second ends from which said at least one end
4 portion extends.

1 8. (newly added) A vision correction structure, comprising:

2 a plurality of arcuate prostheses positioned within scleral pockets or tunnels around
3 a cornea of an eye.

1 9. (newly added) The vision correction structure according to claim 8, wherein said plurality
2 of arcuate prostheses are equidistantly spaced.

1 10. (newly added) A vision alteration structure, comprising:

2 at least one prosthesis for insertion into a pocket or tunnel within a sclera for an eye,
3 comprising:

4 a body having a central portion and at least one end portion integrally formed
5 with and extending from an end of said central portion, said at least one end portion being
6 wider and thinner than said central portion,

7 said central portion having at least one curved surface for contacting an inner
8 surface of said scleral pocket or tunnel into which said prosthesis is to be implanted,

9 wherein said prosthesis is adapted to expand a portion of a sclera proximate
10 to said scleral pocket or tunnel when said prosthesis is inserted within said scleral pocket or
11 tunnel.

1 11. (newly added) The vision alteration structure according to claim 10, wherein said at
2 least one end portion rests on a surface of said sclera outside said scleral pocket or tunnel when said
3 prosthesis is inserted within said scleral pocket or tunnel.

1 12. (newly added) The vision alteration structure according to claim 10, wherein said at
2 least one end portion further comprises:

3 two end portions integrally formed with and extending from opposing ends of said
4 central portion, each end portion wider and thinner than said central portion and resting on a surface
5 of said sclera outside said scleral tunnel when said prosthesis is inserted within said scleral tunnel.

1 13. (newly added) The vision alteration structure according to claim 10, wherein said at
2 least one end portion is wider than said scleral pocket or tunnel when said prosthesis is inserted
3 within said scleral tunnel.

1 14. (newly added) The vision alteration structure according to claim 13, wherein said at
2 least one end portion is sized to pass through said scleral tunnel as said prosthesis is inserted into
3 said scleral tunnel.

1 15. (newly added) The vision alteration structure according to claim 10, wherein a portion
2 of said prosthesis including a region where said central portion joins said at least one end portion
3 tapers steeply from a thickness of said central portion to a smaller thickness of said at least one end
4 portion.

1 16. (newly added) The vision alteration structure according to claim 10, wherein said at least
2 one prosthesis has an overall arcuate or angled shape.

1 17. (newly added) The vision alteration structure according to claim 10, wherein said at least
2 one end portion has a bottom surface including a flat region.

1 18. (newly added) The vision alteration structure according to claim 10, further comprising:
2 a tapered end portion integrally formed with and extending from an end of said central
3 portion opposite said at least one end portion.

1 19. (newly added) The vision alteration structure according to claim 10, further comprising:
2 at least one position retaining groove within a surface of an end portion integrally
3 formed with and extending from an end of said central portion opposite said at least one end portion.

1 20. (newly added) The vision alteration structure according to claim 10, further comprising:
2 a plurality of additional prostheses each having a structure of said at least one
3 prosthesis, said plurality of additional prostheses and said at least one prosthesis positioned within
4 equidistantly spaced scleral pockets or tunnels around a cornea of an eye.
